

## REMARKS

This Response is submitted in reply to the Office Action dated September 23, 2010 and the Notice of Panel Decision dated January 6, 2011. The Office Action rejected Claims 29-32 and 37-39 under 35 U.S.C. §102(e). Claims 32 and 37 are amended herein. Claims 1-31, 33-36 and 38-57 have been cancelled without prejudice or disclaimer. Claims 58 and 59 are newly added. A Request for Continued Examination is submitted herewith. The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing. Applicants respectfully submit that the rejections have been overcome, as set forth in detail below.

Claims 29-32 and 37-39 are rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,890,676 to Nuber et al. ("Nuber"). Of the remaining rejected claims, Claim 37 is the sole independent claim. Claim 37 has been amended to recite, at least in part, a composition comprising an ion-dissociative functional compound consisting of a linkage structure represented by a chemical formula as follows:  $C_m-CF_2-Gp_2-CF_2-C_m$  wherein  $C_m$  is a fullerene molecule, and wherein  $Gp_2$  is an ion-dissociative group and is a proton-dissociative group selected from the group consisting of sulfoneamide group ( $-SO_2-NH_2$ ), sulfoneimide group ( $-SO_2-NH-SO_2-$ ), methanedisulfonyl group ( $-SO_2-CH_2-SO_2-$ ), and carboximide group ( $-CO-NH-CO-$ ). Nuber fails to disclose a composition comprising an ion-dissociative functional compound consisting of a linkage structure represented by a chemical formula as follows:  $C_m-CF_2-Gp_2-CF_2-C_m$  wherein  $C_m$  is a fullerene molecule, and wherein  $Gp_2$  is an ion-dissociative group and is a proton-dissociative group selected from the group consisting of sulfoneamide group ( $-SO_2-NH_2$ ), sulfoneimide group ( $-SO_2-NH-SO_2-$ ), methanedisulfonyl group ( $-SO_2-CH_2-SO_2-$ ), and carboximide group ( $-CO-NH-CO-$ ) as recited in amended Claim 37, and thus fails to anticipate same. Claim 32, and new Claims 58 and 59 are believed to be allowable for at least the reasons above and for additional elements recited therein.

Accordingly, Applicants respectfully request that the 35 U.S.C. §102(e) rejection of Claims 32 and 37 be withdrawn.

For at least the reasons above, Applicants respectfully submit that the present application is in condition for allowance and earnestly solicit reconsideration of same.

Respectfully submitted,

K&L GATES LLP

BY

  
\_\_\_\_\_  
Jeffrey M. Ingalls

Reg. No. 58,078

Customer No. 29175

Dated: February 22, 2011